

Matthew C. Hockenheimer

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OBJECTIVE To obtain an engineering position allowing me to fully utilize and grow my skills and experience in programming and digital electronics.

EDUCATION *Bachelor of Science, Computer Engineering*
Taylor University, Upland, Indiana
Minors: Mathematics and Computer Science. Also qualified for minor in Physics.
Cumulative GPA: 3.08
GRE: 1440 (800 Quantitative, 640 Verbal)

SKILLS *Professional Skills:*

- Background in team-oriented project design and development
- Able to adapt quickly to changes in work dynamics, project requirements, and tools
- Experience with interpreting and applying client requirements in the software design process
- Strong analytical and problem solving skills.
- Current US DOD Secret security clearance

Technical Skills:

- Digital Electronics
- Software Engineering
- Mathematics (Statistics and Differential Equations)
- Programming Languages: C, C#, C++ (including STL), Delphi, Java, SQL, XML, PHP
- Software: Microsoft Office, Solidworks, Visual Studio, CorelDraw, Orcad, Multisim, Minitab
- Operating Systems: Windows (3.1 through 7), Linux (Red Hat and Ubuntu)
- Technical Certifications: Windows XP 70-270, Security+

EXPERIENCE *Computer Engineer* June 2008 through Present
Naval Surface Warfare Center Crane (Crane, Indiana)

- Designed and implemented desktop software, embedded firmware, and hardware driver applications in support of US Marine Corps weapon and surveillance R&D programs.
- Utilized a broad array of technology, including development in C, C#, and Java, working on both Windows and Red Hat Enterprise Linux platforms, interfacing with a variety of hardware components.

Programmer 1999 through December 2007
Miami Mutual Insurance Company and Celina Insurance Group (Troy, Ohio)

- Worked with insurance industry professionals to design, develop, and deploy several insurance policy rating system in Delphi and Excel.
- Software remains deployed among several hundred independent insurance agents, increasing the production of those lines of business and reducing the workload of employees in those departments.

Intern Summer 2005
NASA Wallops Flight Facility (Wallops Island, VA)

- Worked with scientists and professionals from Wallops Flight Facility Goddard Space Flight Center on developing internet educational software in PHP and MySQL on the OSX platform.

Intern Summer 2004
Taylor University (Upland, Indiana)

- Worked on the design of the communications system of a nanosatellite as part of a competition team for a joint USAF and NASA college satellite design competition.
- Participated in several weather balloon launches as part of the testing program for nanosatellite components.

HOBBIES & ACTIVITIES

Programming, including desktop utilities and web sites in PHP, as well as the Project Euler programming competition
Reading
Amateur Robotics